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AUTHOR	Sandler, Bernice; And Others
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ABSTRACT

This document is comprised of charts that present information concerning the number and percentage of doctorates awarded to women in the United States. The data are reported in 3 sets of computations: (1) the percentage of doctorates awarded to women between 1960 and 1969; (2) the combined percentage awarded to women by the largest degree-awarding institutions by the best ranked departments in each field; and (3) the percentage of doctorates awarded to women by the top 5 graduate institutions in selected disciplines during the periods 1953-58 and 1963-68. (HS)

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PROJECT ON THE STATUS AND EDUCATION OF WOMEN

association of american colleges

BERNICE SANDLER,
EXECUTIVE ASSOCIATE

REBECCA STANLEY,
RESEARCH ASSOCIATE

FRANCELIA GLEAVES,
RESEARCH ASSISTANT

1818 R STREET, N.W. • WASHINGTON, D.C. 20009 • (202) 265-3137

STATISTICS CONCERNING DOCTORATES AWARDED TO WOMEN

Institutions covered by Executive Order 11246 as amended, which forbids all federal contractors from discriminating on the basis of sex (also race, color, religion and national origin), are required to develop numerical target goals for women.

How these are developed is detailed in Revised Order No. 4 (available free of charge from the Office of Federal Contract Compliance, Department of Labor, Washington, D.C. 20210). The order specifies that among the factors that contractors must take into account is the number of available women in the labor force. At the academic level, the available labor force is best determined on a national basis.

Many institutions are using as a base the number and/or percentage of doctorates awarded to women.* In order to avoid some duplication of work, the Project on the Status and Education of Women is enclosing data worked out at other institutions. There are several ways to calculate the data. Enclosed are three sets of computations:

1. The percentage of doctorates awarded to women between 1960-69, prepared by the Council for University Women's Progress at the University of Minnesota.

2. The combined percentage of doctorates awarded to women by the largest degree-awarding institutions by the best ranked departments in each field, prepared by the Office of the Chancellor, University of Wisconsin.

3. The percentage of doctorates awarded to women by the top five graduate institutions, in selected disciplines, 1953-58, and 1963-68, prepared by Lucy W. Sells, Department of Sociology, University of California at Berkeley.

The tables may be used differentially as goals are developed for each rank.

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*A recent study (The Woman Doctorate in America by Helen Astin) indicated that 91% of women doctorates were working, 81% of them full-time. 79% had not interrupted their careers in the ten years after obtaining the doctorate. (Only 81% of all men are in the labor force. Of men with doctorates, only 69% work full-time in their field of study.)

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WEAL WOMEN'S EQUITY ACTION LEAGUE

Prepared June/1971 by the
Council for University Women's Progress
at the University of Minnesota

PROPORTION OF DOCTORATES EARNED BY WOMEN, BY AREA AND FIELD, 1960-1969

Data source: U.S. Department of Health, Education and Welfare. *Earned Degrees Conferred: Bachelor's and Higher Degrees.* A publication of the Bureau of Educational Research and Development and the National Center for Educational Statistics. Washington, D.C.: U.S. Government Printing Office. (All public and private colleges and universities in the United States known to confer doctoral degrees are included in the survey. Professional doctoral degrees, such as M.D., however, are not listed.) The consecutive bulletins from which these original data were obtained are located in the Wilson Library Documents Division.

	Total Number of Doctorates Earned 1960-1969	Total Number of Doctorates Earned by Women 1960-1969	Percentage of Doctorates Earned by Women 1960-1969
Agriculture, Total	4462	79	1.77
Agriculture, General	115	1	.87
Agronomy, Field Crops	966	5	.52
Animal Science	872	21	2.41
Dairy Science	262	4	1.53
Farm Management	13	0	.00
Fish, Game or Wildlife Management (1961-1969)[1]	209	2	.96
Food Science	385	16	4.16
Horticulture	539	11	2.40
Ornamental Horticulture	14	0	.00
Poultry Science	211	7	3.32
Soil Science	568	2	.35
Agriculture, All other fields	308	10	3.25
Architecture	50	4	8.00
Biological Sciences, Total	17,708	2448	13.82
Premedical, Predental and Preveterinary Sciences	25	2	8.00
Biology, General	1949	395	20.27
Botany, General	1653	186	11.25
Zoology, General	2262	318	14.06
Anatomy and Histology	633	116	18.33
Bacteriology, etc.[2]	2096	355	16.94
Biochemistry	2695	471	17.48
Biophysics	429	32	7.46
Cytology	30	9	30.00
Ecology (1961-1969 only)	37	2	5.41
Embryology	45	11	24.44
Entomology	1097	46	4.19
Genetics	672	61	9.08
Molecular Biology (1968-1969 only)[3]	32	6	18.75
Nutrition (1961-1969 only)	156	45	28.85
Pathology	271	15	5.54
Pharmacology	783	87	11.11
Physiology	1145	168	14.67
Plant Pathology	692	19	2.75
Plant Physiology	203	12	5.91
Biological Sciences, All other fields	803	92	11.46
Business and Commerce, Total	3046	86	2.82
Business and Commerce, General	1372	33	2.41
Accounting	268	18	6.72
Finance, Banking (1967-1969 only)[4]	53	1	1.89
Marketing (1967-1969 only)[5]	66	1	1.52
Real Estate, Insurance (1967-1969 only)[6]	2	0	.00
Transportation (1967-1969 only)	7	0	.00
Business and Commerce, All other fields	1278	33	2.58
City Planning (1966-1969 only)[7]	44	2	4.55
Computer Science and Systems Analysis, Total (1964-1969 only)[8]	158	4	2.53
Computer Science	99	3	3.03
Systems Analysis	22	1	4.55
Computer Science and Systems Analysis, All other fields	37	0	.00
Education, Total	26,369	5230	19.83
Physical Education	1143	313	27.38
Health Education	88	26	29.55
Recreation	30	4	13.33
Education of the Mentally Retarded	118	36	30.51
Education of the Deaf (1964-1969 only)[9]	6	4	66.67
Speech and Hearing Impaired	339	67	19.76
Education of the Visually Handicapped (1964-1969 only)[10]	3	1	33.33
Education of the Emotionally Disturbed (1965-1969 only)[11]	24	6	25.00
Administration of Special Education (1968-1969 only)[12]	14	4	28.57
Education of Other Exceptional Children[13]	391	126	32.23
Agricultural Education	228	2	.88
Art Education	194	52	26.80
Business or Commercial Education	300	89	29.67
Distributive Education, Retail Selling	28	6	21.43
Home Economics Education	124	123	99.19
Industrial Arts Education, Nonvocational	224	1	.45
Music Education	548	75	13.69
Trade or Industrial Education, Vocational	181	8	4.42
Specialized Teaching Fields, All other	756	261	34.52
Nursery or Kindergarten Education	14	12	85.71
Early Childhood Education	22	20	90.91
Elementary Education	1199	459	38.28
Secondary Education	966	154	15.94
Combined Elementary and Secondary Education	21	4	19.05
Adult Education	303	46	15.18
General Teaching Fields, All other	445	97	21.80
Education Administration, Supervision Finance[14]	7242	931	12.86
Counseling and Guidance	2357	488	20.70
Rehabilitation and Counselor Training (1964-1969 only)	80	14	17.50
History of Education, etc. (1964-1969 only)[15]	488	99	20.29
Education, General	6286	1183	18.82
Educational, Psychology (1964-1969 only)	875	224	25.60
Physical Education, Nonteaching (1964-1969 only)	36	9	25.00
Education, All other fields[16]	1296	286	22.07
Engineering, Total[17]	18,572	82	.44
English and Journalism, Total	6471	1541	23.81
English and Literature	6322	1523	24.09
Journalism	149	18	12.08
Fine Arts and Applied Arts, Total	4035	678	16.80
Art General	99	18	18.18
Music, Sacred Music	1473	199	13.51
Speech and Dramatic Arts	1978	314	15.87
Fine and Applied Arts, All other fields	485	147	30.31
Folklore (1965-1969 only)	29	8	27.59

	Total Number of Doctorates Earned 1960-1969	Total Number of Doctorates Earned by Women 1960-1969	Percentage of Doctorates Earned by Women 1960-1969
Foreign Languages and Literature, Total	4158	1186	28.52
Linguistics	551	133	24.14
Latin, Classical Greek	506	128	25.30
French	768	311	40.49
Italian	47	17	36.17
Portuguese	14	3	21.43
Spanish	668	217	32.49
Philology and Literature of Romance Languages	380	93	24.47
German	678	171	25.22
Other German Languages	27	5	18.52
Philology and Literature of Germanic Languages	52	9	17.31
Arabic	5	1	20.00
Chinese	14	2	14.29
Hebrew	23	1	4.35
Hindi, Urdu (1961-1969 only)	2	0	0.00
Japanese	12	2	16.67
Russian	116	28	24.14
Other Slavic Languages	68	20	29.41
Foreign Language and Literature, All other fields	227	45	19.82
Forestry	558	1	.18
Geography	663	37	5.58
Health Professions, Total	1831	168	9.18
Hospital Administration	20	1	.50
Medical Technology	2	0	.00
Nursing, Public Health Nursing	18	17	94.44
Optometry	16	1	6.25
Pharmacy	563	24	4.26
Physical Therapy, Physiotherapy	1	0	.00
Public Health	418	62	14.83
Radiologic Technology	3	0	.00
Clinical Dental Services	24	4	16.77
Clinical Medical Services	302	31	10.26
Clinical Veterinary Services	250	4	1.60
Health Professions, All other fields	214	24	11.21
Home Economics, Total	514	392	76.26
Home Economics, General	104	101	97.12
Child Development, Family Relations	174	87	50.00
Clothing and Textiles	53	52	98.11
Foods and Nutrition	134	108	80.60
Institution Management or Administration	6	6	100.00
Home Economics, All other fields	43	38	88.37
Law	268	12	4.48
Library Science	140	38	27.14
Mathematical Sciences, Total	6166	401	6.50
Mathematics	5538	348	6.46
Statistics	781	53	6.79
Philosophy, Total	1701	188	11.05
Philosophy	1520	155	10.20
Scholastic Philosophy	181	33	18.23
Physical Sciences, Total	25,736	1179	4.58
Physical Sciences, General	93	3	3.23
Astronomy	421	29	6.69
Chemistry	12,963	884	6.82
Metallurgy	213	0	.00
Meterology	245	2	.82
Pharmaceutical Chemistry (1961-1969 only)	289	13	.50
Physics	8415	168	2.00
Geology	2143	53	2.47
Geophysics	203	3	1.48
Oceanography	222	4	1.80
Earth Sciences, All other fields [18]	170	2	1.18
Physical Science, All other fields	359	18	5.01
Psychology, Total	9135	1845	20.20
General Psychology	7071	1365	19.30
Clinical Psychology (1961-1969 only)	651	163	25.04
Counseling and Guidance	138	33	23.91
Social Psychology (1961-1969 only)	309	68	22.01
Rehabilitation Counselor Training (1964-1969 only)	36	8	22.22
Educational Psychology (1964-1969 only)	137	37	27.01
Psychology, All other fields (1964-1969 only)	793	171	21.56
Religion, Total	2825	141	4.99
Religious Education, Bible	368	49	13.32
Theology	1417	49	3.46
Religion, Liberal Arts Curriculum	860	39	4.54
Religion, All other fields	180	4	2.22
Social Sciences, Total	18,662	2072	11.10
Social Sciences, General	261	27	10.34
American Studies, Civilization, Culture	257	41	15.95
Anthropology	942	202	21.44
Area or Regional Studies	384	46	11.98
Economics	3898	219	5.62
History	4943	579	11.71
International Relations	425	33	7.76
Political Science or Government	2876	253	8.80
Sociology	2361	403	17.07
Agricultural Economics	1165	12	1.03
Foreign Service Programs	11	1	9.09
Industrial Relations	96	4	4.17
Public Administration	283	23	8.13
Social Work, Social Administration	480	174	36.25
Social Science, All other fields	280	55	19.64
Trade or Industrial Training	84	0	.00
Broad General Curriculums and Miscellaneous Total	726	107	14.74
Arts, General Programs	39	9	23.08
Sciences, General Programs	84	9	10.71
Arts and Sciences, General Programs	40	5	12.50
Teaching of English as a Foreign Language	27	10	37.04
All Other Fields of Study [19]	536	74	13.81
Total All Fields (areas) reported:	154,111	17,929	1[illegible].63

1. When information was available from 1961-1969 (this field was not given as a separate category in 1960-1961), proportions were computed based on information available. If the field was not listed as a separate category for more years than 1960-1961, the information was included in the residual category. Exceptions are noted.
2. Includes Bacteriology, Virology, Mycology, Parasitology and Microbiology.
3. The status of this field prior to 1968, when it was considered separately, is not clear.

4, 5, and 6. As in 3, the same observation applies.

7 and 8. These entire areas are new.

9, 10, 11, and 12. Subsumed under other categories in earlier years.

13. Includes: Special Learning Disability, Education of the Crippled, Education of the Multiple Handicapped.
14. Includes Curriculum Instruction as well. These fields were separated for all but year 1963-1964, so it was necessary to combine them.
15. Includes History, Philosophy and Theory of Education.
16. Includes the recently listed field of Education Specialist.
17. A breakdown on Engineering was omitted from *Earned Degrees Conferred: Bachelor's and Higher Degrees* for the four academic years 1960 through 1964. Other sources investigated provided breakdown by field but not by sex.
18. Includes recent field, "Earth Sciences, General."
19. Includes recent field "Interarea Fields of Study."

% OF PH. D.'s AWARDED TO WOMEN BY THE TOP FIVE GRADUATE INSTITUTIONS, IN SELECTED DISCIPLINES

Compiled by Lucy W. Sells,
Department of Sociology
University of California at Berkeley

DISCIPLINE	1953-1958				1963-1968			
	Men	Women	Total	% Women	Men	Women	Total	% Women
Sociology	199	37	236	16	191	59	250	24
English	363	50	413	12	387	113	500	23
Psychology	284	68	352	19	434	123	557	22
Anthropology	112	21	133	16	179	41	220	19
History	465	44	509	9	750	97	847	12
Political Science	271	13	284	5	316	40	356	12
Chemistry	748	38	786	5	696	51	747	7
Economics	408	15	423	4	480	36	516	7
Mathematics	227	8	235	3	465	20	485	4
Physics	445	8	450	2	872	24	896	3

Sources: U. S. Office of Education, EARNED DEGREES CONFERRED, Circulars Numbered 417, 461, 499, 527, and 570, for degrees conferred in 1953-1954 through 1957-58, respectively. After 1962, EARNED DEGREES CONFERRED was published by the National Center for Educational Statistics, Washington, D. C. The Top Five rankings for the 1953-1958 period are based on Keniston's 1957 ranking, cited in Allan M. Cartter, AN ASSESSMENT OF QUALITY OF GRADUATE EDUCATION, American Council on Education, Washington, D. C., 1966. The Top Five rankings for 1963-1968 are based on Kenneth D. Roose and Charles J. Andersen, A RATING OF GRADUATE EDUCATION, American Council on Education, Washington, D. C., 1970.

The Top Five Departments for each discipline and time period are:

Sociology:
1957: Harvard, Columbia, Chicago, Michigan, Cornell
1970: Berkeley, Harvard, Chicago, Columbia, Michigan

English:
1957: Harvard, Yale, Columbia, Berkeley, Princeton
1970: Yale, Berkeley, Harvard, Chicago, Princeton

Psychology:
1957: Harvard, Michigan, Yale, Berkeley, Stanford
1970: Stanford, Michigan, Berkeley, Harvard, Illinois

Anthropology:
1957: Chicago, Harvard, Columbia, Berkeley, Yale
1970: Chicago, Berkeley, Michigan, Pennsylvania, Harvard

History:
1957: Harvard, Columbia, Yale, Berkeley, Wisconsin
1970: Harvard, Yale, Berkeley, Princeton, Stanford, Columbia, Wisconsin

Political Science:	1957:	Harvard, Chicago, Berkeley, Columbia, Princeton
	1970:	Yale, Harvard, Berkeley, Chicago, Michigan
Chemistry:	1957:	Harvard, Berkeley, Illinois, Chicago, Wisconsin
	1970:	Harvard, Cal. Tech., Stanford, Berkeley, M.I.T.
Economics:	1957:	Harvard, Chicago, Yale, Columbia, Berkeley, Stanford
	1970:	Harvard, M.I.T., Chicago, Yale, Berkeley
Mathematics:	1957:	Harvard, Chicago, Princeton, Berkeley, Michigan
	1970:	Berkeley, Harvard, Princeton, Chicago, M.I.T.
Physics:	1957:	Berkeley, Harvard, Columbia, Princeton, Chicago
	1970:	Cal. Tech., Berkeley, Harvard, Princeton, Stanford, M.I.T.

DOCTORATES GRANTED FROM 1963-1968 BY TOP FIVE GRADUATE FACULTIES, BY SEX AND DISCIPLINE

SOCIOLOGY					PSYCHOLOGY				
University	Men	Women	Total	% Women	University	Men	Women	Total	% Women
1*Berkeley	34	14	48	29	1 Stanford	69	20	89	22
1* Harvard	25	9	34	26	2 Michigan	130	31	161	19
3 Chicago	58	12	70	17	3 Berkeley	89	36	125	29
4* Columbia	44	19	63	30	4 Harvard	57	21	78	27
4* Michigan	30	5	35	14	5 Illinois	89	15	104	14
Total	191	59	250	24%	Total	434	123	557	22%
*Tie in rating.									
1969-70	67	26	93	28%	1969-70	115	47	162	29%

ENGLISH					ANTHROPOLOGY				
University	Men	Women	Total	% Women	University	Men	Women	Total	% Women
1 Yale	71	35	106	33	1 Chicago	46	7	53	14
2* Berkeley	62	23	85	27	2 Berkeley	49	12	61	20
2* Harvard	160	43	203	21	3 Michigan	24	2	26	--
4* Chicago	39	10	49	20	4 Pennsylvania	12	4	16	--
4* Princeton	55	2	57	4	5 Harvard	48	16	64	25
Total	387	113	500	23%	Totai	179	41	220	19%
*Tie in rating.									
1969-70	102	34	136	25%	1969-70	41	18	59	31%

Sources: Degree figures compiled from EARNED DEGREES CONFERRED, published annually by U. S. Office of Education, National Center for Educational Statistics, Washington, D. C., 1963, 1964, 1965, 1966, and 1967. Rating of quality of graduate faculty taken from A RATING OF GRADUATE PROGRAMS, Kenneth D. Roose and Charles J. Andersen, Washington, D. C., American Council on Education, 1970.

1969-70 data from same schools in each field -- U.S.O.E. 72-2, EARNED DEGREES CONFERRED.

HISTORY

University	Men	Women	Total	% Women
1* Harvard	163	25	188	13
1* Yale	63	16	79	--
3 Berkeley	122	12	134	9
4 Princeton	47	--	47	--
5* Columbia	146	32	178	18
5* Stanford	46	4	50	8
5* Wisconsin	163	8	171	5
Total	750	97	847	12%
1969-70	239	43	282	15%

*Tie in rating.

POLITICAL SCIENCE

University	Men	Women	Total	% Women
1 Yale	30	5	35	14
2 Harvard	114	20	134	15
3 Berkeley	74	6	80	8
4 Chicago	48	6	54	11
5 Michigan	50	3	53	6
Total	310	41	351	12%
1969-70	58	10	68	15%

CHEMISTRY

University	Men	Women	Total	% Women
1 Harvard	117	12	129	9
2 Cal. Tech.	83	2	85	2
3* Stanford	83	9	92	10
3* Berkeley	230	14	244	6
5 M.I.T.	183	14	197	7
Total	696	51	747	7%
1969-70	140	7	147	5%

*Tie in rating.

ECONOMICS

University	Men	Women	Total	% Women
1* Harvard	138	13	151	9
1* M.I.T.	101	4	105	4
3 Chicago	69	3	72	4
4 Yale	71	4	75	5
5 Berkeley	101	12	113	11
Total	480	36	516	7%
1969-70	126	5	131	4%

*Tie in rating.

PHYSICS

University	Men	Women	Total	% Women
1* Cal Tech	78	3	81	4
1* Berkeley	275	6	281	2
1* Harvard	113	3	116	3

*Tie in rating.

MATHEMATICS

University	Men	Women	Total	% Women
1* Berkeley	147	7	154	5
1* Harvard	68	3	71	4
3 Princeton	72	-	72	-

*Tie in rating.

Physics cont'd.:

University	Men	Women	Total	% Women
4 Princeton	107	1	108	1
5* Stanford	105	3	108	3
5* M.I.T.	194	8	202	4
Total	872	24	896	3%

*Tie in rating.

Mathematics cont'd.:

University	Men	Women	Total	% Women
4 Chicago	69	5	74	7
5 M.I.T.	109	5	114	4
Total	465	20	485	4%

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Distributed by the PORJECT ON THE STATUS AND EDUCATION OF WOMEN, Association of American Colleges, 1818 R Street, N.W., Washington, D. C. 20009.

APRIL, 1972

AVAILABILITY STATISTICS, WOMEN HOLDERS OF THE PH.D.#, 1967-1969
(Top Degree Granting Schools)

Compiled by the Office of the Chancellor, University of Wisconsin*

DEPARTMENT	TOTAL WOMEN	% WOMEN
African Languages & Literature		No statistics
Afro-American Studies		No statistics
Agricultural Economics (add Economics)	2/60	.8%/7.0%
Agricultural Engineering	1	2.1%
Agricultural Education	0	0
Agricultural Journalism (add Journalism)	4	9.3%
Agronomy	1	.5%
Anatomy (and Histology)	18	23.0%
Anesthesiology**	295	18.9%
Anthropology	64	25.1%
Art (General; Fine and Applied)	882(MA)	40.1/40.8%
(Art Education)	317(MA)	67.7%
Art History	7	21.8%
Astronomy	8	5.5%
Bacteriology	68	22.6%
Behavioral Disabilities		
Biochemistry	117	21.4%
Biophysics	10/167	9.5/7.3%
Botany	37	13.4%
Business & Commerce	17	2.4%
Chemical Engineering	3	.7%
Chemistry	179	8.5%
Civil & Environmental Engineering	0	0
Classics	45	29.0%
Clinical Oncology		No statistics
Communication Arts	67	17.7%
Communicative Disorders	12	23.0%
Comparative Literature		30.1% est.
Computing Center (Send Comp. Sci. Stat.)	2	6.0% (68-69)
Computer Sciences	2	6.0% (68-69)
Counseling & Guidance	64	21.2%
Curriculum & Instruction	45	22.3%
Dairy Science	2	3.6%
East Asian Languages & Literature	0	0
Economics	58	7.0%
Educational Administration	60	10.6%
Educational Policy Studies	24	17.6%
Educational Psychology	42	27.0%
Electrical Engineering	4	.6%
Engineering Mechanics	0	0.
English	388	28.1%
Entomology	15	7.1%
Environmental Design		No statistics
Family Practice	9	4.1%
Food Science (also send Nutrition)	3	3.9%
Forestry	0	0

DEPARTMENT	TOTAL WOMEN		% WOMEN	
French	89		41.7%	
Genetics	16		12.0%	
Geography	4		2.1%	
Geology	17		4.9%	
Geophysics (with Geology)	0		0	
German	52		27.5%	
Gynecology & Obstetrics**	236		10.5%	
Hebrew & Semitic Studies	1		50.0%	(68-69)
History	131		12.9%	
History of Medicine			No statistics	
History of Science	547	(composite)	9.4%	
Home Economics Education & Extension			100.0%	
Home Management & Family Living	14		35.0%	
Horticulture	1		1.4%	
Indian Studies	0		0	
Industrial Engineering	2		1.3%	
Internal Medicine	498	(residents)	7.8%	
Italian	6		33.3%	
Journalism	4		9.3%	
Landscape Architecture			No statistics	
Law	496	(LLB/JD)	4.7%	
Library Science (Send to Library School & General Library)	2997	(MS)	78.4%	
Linguistics	33		22.2%	
Mathematics	55		5.5%	
Mathematics Research Center	55		5.5%	
Meat & Animal Science	2		1.8%	
Mechanical Engineering	1		.4%	(67-68)
Medical Genetics (see Genetics)				
Medical Microbiology (Send Bacteriology)	68		22.6%	
Medical School: Clinical Departments				
Medicine (first professional degree)	394	(M.D.)	7.9%	
Metallurgical & Mineral Engineering	2		1.6%	(67-68)
Metereology	1		2.7%	(67-68)
Military Departments		OMIT		
Molecular Biology (Composite listed second)	5/278		20%/20.5%	
Music	54		15.0%	
Neurology **	47		6.1%	
Neurophysiology			No statistics	
Nuclear Engineering	0		0	
Nursing		OMIT		
Nutritional Sciences	10		16.3%	
Oncology			No statistics	
Ophthamology**	54		4.3%	
Pathology	1	(Ph.D.)	2.3%	
Pediatrics**	688		29.2%	
Pharmaceutical Chemistry	4		5.0%	
Pharmacology	22		14.9%	
Pharmacy	7		8.9%	
Philosophy	39		10.6%	
Physical Education: Men/Women		OMIT		

DEPARTMENT	TOTAL WOMEN	% WOMEN
Physics	40	2.4%
Physiology	29	12.8%
Physiological Chemistry (Send Biochemistry)	117	21.4%
Plant Pathology	1	1.5%
Political Science	68	11.2%
Portuguese	1	16.6% (68-69)
Poultry Science	2	3.5%
Preventive Medicine		No statistics
Psychiatry**	395	13.4%
Psychology	337	26.1%
Radiology**	117	7.3%
Rehabilitation Medicine **	61	19.8%
Related Art	384	40.1%
Rural Sociology (Send Sociology)	97	18.3%
Russian	10	40.0%
Scandinavian Studies	1	50.0% (67-68)
Slavic Languages (Non-Russian)	10	30.3%
Social Work	38	39.2%
Sociology	97	18.3%
Soil Science	1	2.1%
Spanish	52	33.1%
Statistics	8	5.2%
Surgery**	119	2.2%
Textiles & Clothing	8	88.8%
Urban & Regional Planning (CF. City Planning)	0	0
Veterinary Science	106	7.4%
Wild Life Ecology (CF. Fish, Game, and Wildlife Management)	0	0
Zoology	72	20.3%
Pathology**	380 (residents)	19.4%

When noted statistics may be for some other appropriate terminal degree.

* The statistics are derived by combining the number of degrees awarded from both the largest degree-granting institutions and the best ranked departments in the field:

1. The thirty-three institutions which have granted more than 2000 doctorates --

Boston University
California (Berkeley)
Catholic University
Chicago
Columbia
Cornell
Harvard
Illinois
Indiana
Iowa
Iowa State
Johns Hopkins
Mass. Institute of Tech.
Michigan
Michigan State
Minnesota
Missouri
New York University
North Carolina
Northwestern
Ohio State
Pennsylvania
Pennsylvania State
Pittsburgh
Princeton
Purdue
Stanford
Texas
UCLA
Univ. of Southern California
Washington (Seattle)
Wisconsin
Yale

2. Combined with the figures obtained from the above list are those institutions (if not already included) in which the particular department received a 1969 ACE rating of 3.0 or above ("strong" or "distinguished").

The data concerning degrees awarded by the largest degree granting institutions were derived from Higher Education, Earned Degrees Conferred: Part B, Institutional Data Volumes 1967-68 and 1968-69, published by the U. S. Office of Education, Department of Health, Education and Welfare.

The ACE ratings are based on the quality of graduate faculties, as evaluated by members of the profession, and are taken from A Rating of Graduate Programs, edited by Kenneth D. Roose and Charles J. Andersen, and issued by the American Council on Education.

** Statistics for medical fields are for filled residencies in affiliated hospitals, September 1, 1970.

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